

- WIBRO, RF SAW Filter
- Revision 0: June 2005

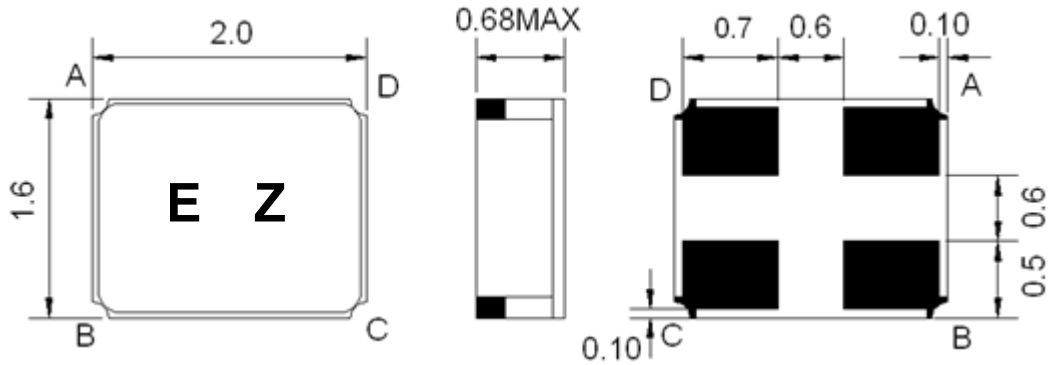
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+80
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	10
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	J			
Length x Width	mm ²	-	2.0 x 1.6	-
Height	mm	-	-	0.68

ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	2315.0	-
Insertion Loss within 2300.0 ~ 2330.0 MHz	dB	-	2.1	2.5
Amplitude Ripple within 2300.0 ~ 2330.0 MHz	dB _{p-p}	-	0.4	1.0
Attenuation:				
D.C. ~ 2170 MHz	dB	20	23	-
2400 ~ 3400 MHz	dB	33	37	-
3400 ~ 4500 MHz	dB	20	25	-
4500 ~ 6000 MHz	dB	10	17	-
VSWR within 2300.0 ~ 2330.0 MHz	-	-	2.0	2.3

Notes: (1) No Matching Network (Ref. Testing Environment Circuit as shown below).

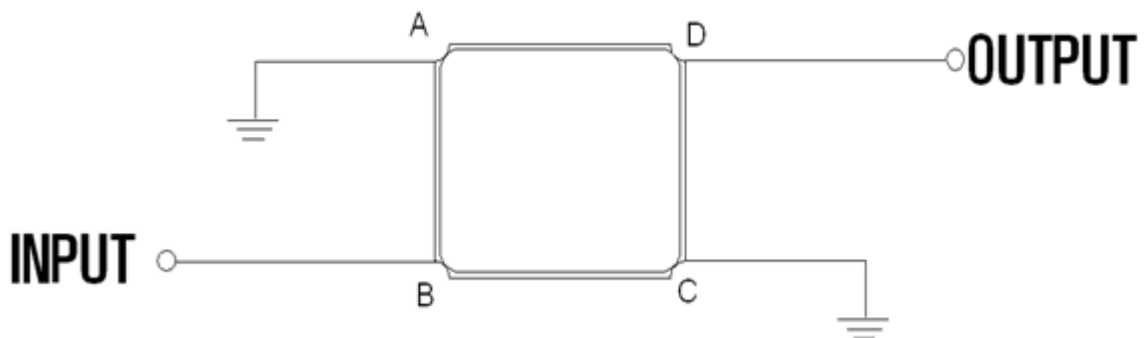
Package Dimensions



Marking Descriptions	
E	Series Number
Z	Date Code (Year)

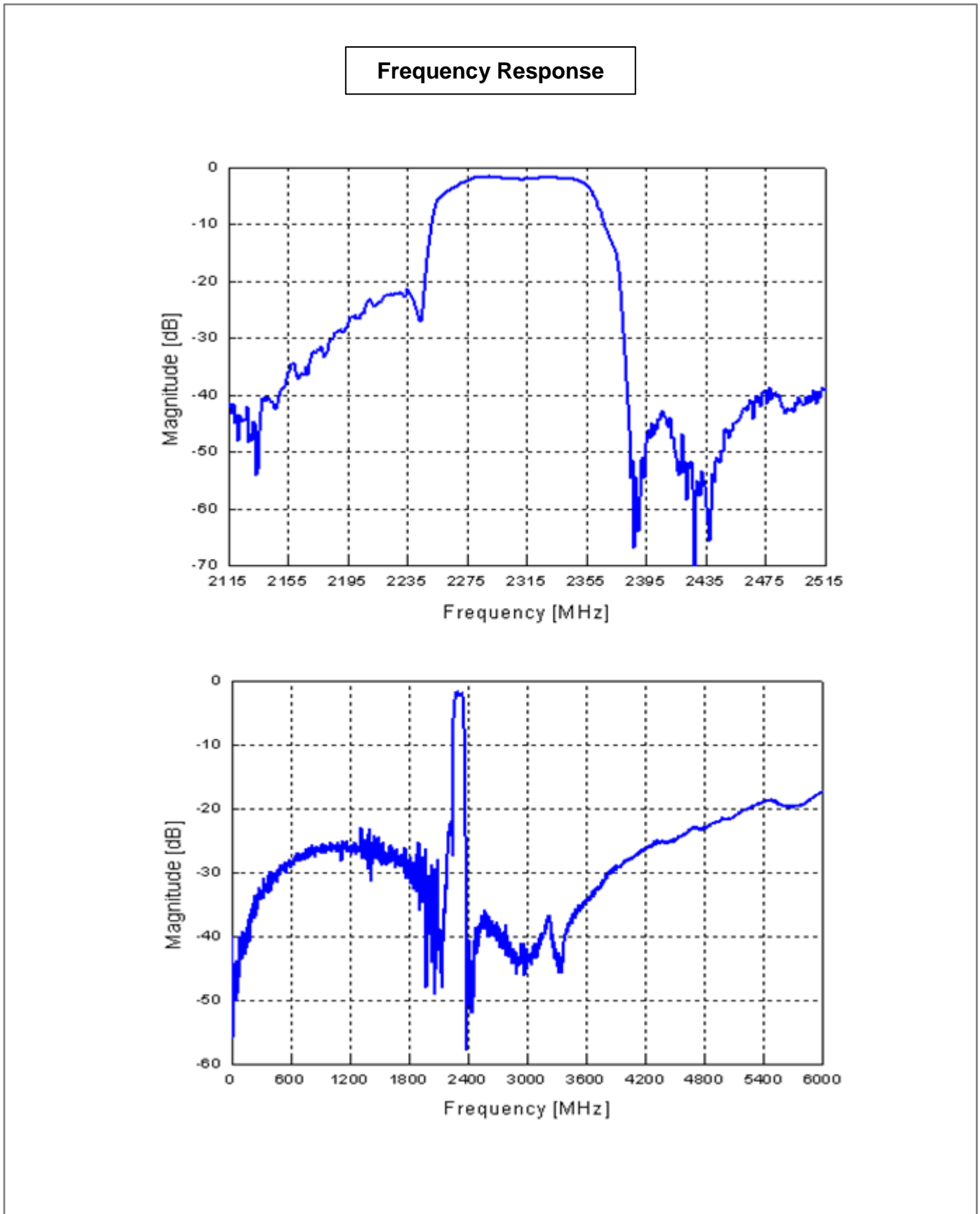
Pin Description	
A, C	Ground
B	In
D	Out

Testing Environment

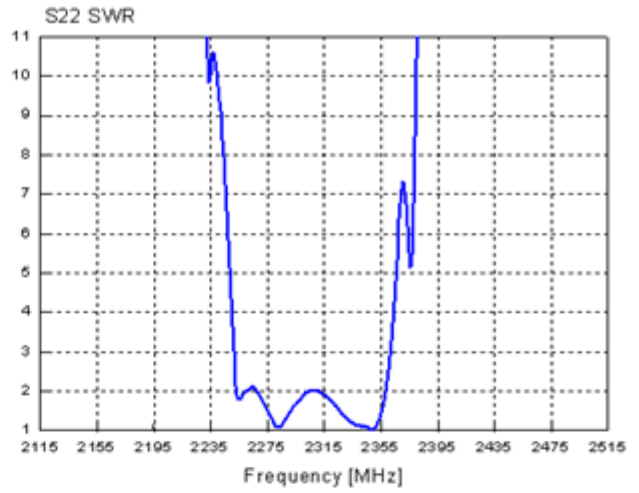
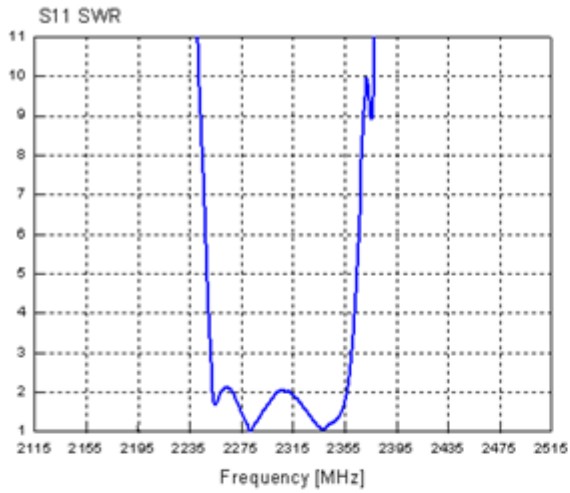


Source & Load Impedance: 50 Ω

Frequency Characteristics



VSWR



Smith Chart

